

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Final Office Action dated September 11, 2008 has been received and its contents carefully reviewed.

Claim 1 is hereby amended. Support for the amendment can be found, for example, at Specification, page 4, line 6. No new matter has been added. Claims 1 and 3-17 are currently pending, of which claims 4-17 are withdrawn from consideration. Reexamination and reconsideration of claims 1 and 3 are respectfully requested.

The Office Action rejected claims 1 and 3 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Application Publication No. 2002/0093077 to Jung et al. (*Jung*) in view of U.S. Patent Application Publication No. 2004/0048978 to Okada et al. (*Okada*) and U.S. Patent Application Publication No. 2004/0048004 to Hosaka et al. (*Hosaka*). Applicants respectfully traverse the rejection.

In order to establish *prima facie* obviousness of the claimed invention, all the elements must be taught or suggested by the prior art. The combined teaching of *Jung*, *Okada*, and *Hosaka* fails to teach or suggest every element of claims 1 and 3, and thus, cannot render these claims obvious.

Amended claim 1 recites, among other things, “said reactive transparent polyimide precursor is a negative type photosensitive precursor.” *Jung* fails to teach or suggest at least this feature of claim 1. In fact, the Office Action admits that “Jung’s structure represents positive type of photoresistor.” *Office Action*, page 6. *Okada* fails to cure the deficiency of *Jung*. The Office Action cites *Okada* for disclosing “a reactive transparent polyimide precursor and polyimide.” *Office Action*, page 3. *Hosaka* also fails to cure the deficiency of *Jung* and *Okada*. The Office Action only cites *Hosaka* for disclosing alicyclic tetracarboxylic acid. *Office Action*,

page 4. Accordingly, the combined teaching of *Jung*, *Okada*, and *Hosaka* cannot render obvious the above recited feature of claim 1.

Claim 1 also recites, in combination, “the acid value of said reactive transparent polyimide precursors is within a range of 30 to 200 mg KOH/g.” The Office Action erroneously relies on *Jung* for this element. *Jung* simply fails to also teach or suggest this second feature of claim 1. The Office Action states “[a]ssuming that molecular weight of monomeric unit is around 500, the [acid value of said reactive transparent polyimide precursors] translates to 0.95-2.15 acidic group per unit.” *Office Action*, page 6. The Office Action’s calculation, however, is inaccurate it ignores the fact that “R<sub>1</sub> and R<sub>2</sub> . . . are not hydrogen atoms at the same time” also recited in claim 1. Therefore, it is improper to conclude that *Jung* teaches “the acid value of said reactive transparent polyimide precursors is within a range of 30 to 200 mg KOH/g” as recited in claim 1. Neither *Okada* nor *Hosaka* can cure the deficiencies of *Jung* with respect to this feature of claim 1. Therefore, the combined teachings of *Jung*, *Okada*, and *Hosaka* also cannot render this feature of claim 1 obvious.

For the aforementioned reasons, claim 1 is patentable over the combined teaching of *Jung*, *Okada*, and *Hosaka*. Claim 3 depends from claim 1 and is, therefore, also patentable over the combined teaching of *Jung*, *Okada*, and *Hosaka* for at least the same reasons as claim 1. Thus, Applicants respectfully request withdrawal of this rejection.

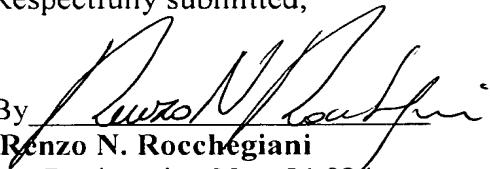
The application is in condition for allowance. Early and favorable action is respectfully solicited. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911.

Dated: December 11, 2008

Respectfully submitted,

By

  
Renzo N. Rocchegiani

Registration No.: 54,824

McKENNA LONG & ALDRIDGE LLP  
1900 K Street, N.W.  
Washington, DC 20006  
(202) 496-7500  
Attorneys for Applicant